

03/01/02

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0851-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | GEKAN 3196  |
| First Inventor         | Mark John DeBlock   |
| Title                  | METHOD AND APPARATUS FOR SEPARATING ELECTRIC<br>RUNOUT FROM MECHANICAL RUNOUT |
| Express Mail Label No. | EL 752187614 US   |

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
2. ☐ Application claims small entity status.  
See 37 CFR 1.27
3. ☒ Specification [ Total Pages 15 ]  
(Preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 USC 113) [ Total Sheets 4 ]
5. Oath or Declaration [ Total Pages 2 ]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS ☒ Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(If foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Certificate of Express Mail

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_/

Prior application information

Examiner:

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☐ Customer Number or Bar Code Label (insert Custom No. or Attach bar code label here) or ☒ Correspondence address below

|         |  |           |                |          |                |
|---------|--|-----------|----------------|----------|----------------|
| Name    | John S. Beulick  |           |                |          |                |
| Address | Armstrong Teasdale LLP<br>One Metropolitan Sq., Suite 2600 |           |                |          |                |
| City    | St. Louis  | State     | Missouri       | Zip Code | 63102          |
| Country | US   | Telephone | (314) 621-5070 | Fax      | (314) 621-5065 |

|                   |                         |                                   |               |
|-------------------|-------------------------|-----------------------------------|---------------|
| Name (Print/type) | Thomas M. Fisher        | Registration No. (Attorney/Agent) | 47,564        |
| Signature         | <i>Thomas M. Fisher</i> | Date                              | March 1, 2002 |

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JC913 U.S. PTO  
03/01/02

PATENT  
GECAN 3196

JC903 U.S. PTO  
10/08/01  
03/01/02

CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER OF PATENTS AND TRADEMARKS

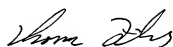
Express Mail mailing label number: EL 752187614 US

Date of Mailing: March 1, 2002

I certify that the attached complete utility patent application of **MARK JOHN DeBLOCK** and **W. R. HUGH FIFE** for **METHOD AND APPARATUS FOR SEPARATING ELECTRICAL RUNOUT FROM MECHANICAL RUNOUT**, including:

- Utility Patent Application Transmittal (1 pg.)
- Fee Transmittal (1 pg.), in duplicate
- Nine (9) pages of Specification; Five (5) pages of Claims; One (1) page of Abstract
- Four (4) sheets of drawings
- Declaration and Power of Attorney (2 pgs.)
- Assignment Recordation Form Cover Sheet (1 pg.), in duplicate
- Assignment (2 pgs.)
- Information Disclosure Statement transmittal form (2 pgs.), in triplicate
- Form 1449 Information Disclosure Statement (1 pg.) with attachments AA-AS
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to Box: PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.



Thomas M. Fisher, Reg. No. 47,564  
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(314) 621-5070

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**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision

**Complete If Known**

|                        |                   |
|------------------------|-------------------|
| Application Number     |                   |
| Filing Date            |                   |
| First Named Inventor   | Mark John DeBlock |
| Group Art Unit         |                   |
| Examiner Name          |                   |
| Attorney Docket Number | GECA3198          |

TOTAL AMOUNT OF PAYMENT (\$ 998.00)

**METHOD OF PAYMENT (check one)**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

|                        |         |
|------------------------|---------|
| Deposit Account Number | 01-2384 |
| Deposit Account Name   |         |

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☐
- Applicant claims small entity status See 37 CFR 1.27

2. ☐ Payment Enclosed☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 740             | 201            | 370             | Utility Filing Fee     | 740.00   |
| 106            | 330             | 206            | 165             | Design Filing Fee      |          |
| 107            | 510             | 207            | 255             | Plant Filing Fee       |          |
| 108            | 740             | 208            | 370             | Reissue filing Fee     |          |
| 114            | 160             | 214            | 80              | Provisional Filing Fee |          |
| SUBTOTAL (1)   |                 |                |                 |                        | 740.00   |

**2. EXTRA CLAIM FEES**

| Total Claims | Extra Claims | Fee From Below | Fee Paid |
|--------------|--------------|----------------|----------|
| 25           | -20          | 5              | 90.00    |
| 5            | -3*          | 2              | 168.00   |
|              |              |                |          |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  |
|----------------|-----------------|----------------|-----------------|--|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                   |
| 102            | 84              | 202            | 42              | Independent claims in excess of 3                        |
| 104            | 290             | 204            | 140             | Multiple dependent claim, if not paid                    |
| 105            | 84              | 205            | 42              | *Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | *Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) 258.00

\*\*or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Fee Code                    | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  | Fee Paid |
|-----------------------------------|-----------------|----------------|-----------------|--|----------|
| 105                               | 130             | 205            | 65              | Surcharge - late filing fee or oath  |          |
| 127                               | 50              | 227            | 25              | Surcharge-late provisional filing fee or cover sheet                       |          |
| 138                               | 130             | 139            | 130             | Non-English specification  |          |
| 147                               | 2520            | 147            | 2520            | For filing a request for ex parte reexamination                            |          |
| 112                               | 920*            | 112            | 920*            | Requesting publication of SIR prior to Examiner action                     |          |
| 113                               | 1840*           | 113            | 1840*           | Requesting publication of SIR after Examiner action                        |          |
| 115                               | 110             | 215            | 55              | Extension for reply within first month                                     |          |
| 116                               | 400             | 216            | 200             | Extension for reply within second month                                    |          |
| 117                               | 920             | 217            | 460             | Extension for reply within third month                                     |          |
| 118                               | 1440            | 218            | 720             | Extension for reply within fourth month                                    |          |
| 128                               | 1960            | 228            | 980             | Extension for reply within fifth month                                     |          |
| 119                               | 320             | 219            | 160             | Notice of Appeal   |          |
| 120                               | 320             | 220            | 160             | Filing a brief in support of an appeal                                     |          |
| 121                               | 280             | 221            | 140             | Request for oral hearing   |          |
| 138                               | 1510            | 138            | 1510            | Petition to institute a public use proceeding                              |          |
| 140                               | 110             | 240            | 55              | Petition to revive - unavoidable   |          |
| 141                               | 1280            | 241            | 640             | Petition to revive - unintentional   |          |
| 142                               | 1280            | 242            | 640             | Utility issue fee (or reissue)   |          |
| 143                               | 460             | 243            | 230             | Design issue fee   |          |
| 144                               | 620             | 244            | 310             | Plant issue fee  |          |
| 122                               | 130             | 122            | 130             | Petitions to the Commissioner  |          |
| 123                               | 50              | 123            | 50              | Petitions related to provisional applications                              |          |
| 126                               | 180             | 126            | 180             | Submission of Information Disclosure Stmt                                  |          |
| 561                               | 40              | 561            | 40              | Recording each patent assignment per property (times number of properties) |          |
| 146                               | 740             | 246            | 370             | Filing a submission after a final rejection (37-CFR 1.129(a))              |          |
| 149                               | 740             | 249            | 370             | For each additional invention to be examined (37 CFR 1.120(b))             |          |
| 179                               | 740             | 279            | 370             | Request for Continued Examination (RCE)                                    |          |
| 169                               | 900             | 169            | 900             | Request for expedited examination of a design application                  |          |
| Other fee (specify) _____         |                 |                |                 |  |          |
| *Reduced by Basic Filing Fee Paid |                 |                |                 |  |          |
| SUBTOTAL (3) 0.00                 |                 |                |                 |  |          |

**SUBMITTED BY**

Complete (if applicable)

Name (Print/Type) **Thomas M. Fisher**Registration No. (Attorney/Agent) **47,564**

Telephone (314) 621-5070

Signature

Date **March 1, 2002**

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